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P/2292-89

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

New York, New York

Woo Young Lee et al.

Date: January 26, 2005

Serial No.: 10/801,744

Group Art Unit: 2811

Filed: March 15, 2004

Examiner: T. Dickey

For: HYBRID FERROMAGNET/SEMICONDUCTOR SPIN DEVICE AND
FABRICATION METHOD THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION

Sir:

Submitted herewith is a copy of a search report issued by a patent searching authority other than the PTO and the cited art together with a form listing the same for the convenience of the Examiner.

I certify that each item of information contained in this Submission was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Submission.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on January 26, 2005

Respectfully submitted,

Max Moskowitz

Name of applicant, assignee or
Registered Representative

Signature
January 26, 2005
Date of Signature

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Enclosures

APPLICANT'S ART CITATION (Use several sheets if necessary)		Application 10/801,744		OFGS File No. P/2292-89	
		Applicant Woo Young Lee et al.			
		Filing Date March 15, 2004		Group Art Unit 2811	

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U.S. PATENT DOCUMENTS (not submitted for applications filed after 6/30/03)						
Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
	US-6,069,820	05-2000	Inomata et al.	365	171	
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					
	US-					

FOREIGN PATENT DOCUMENTS							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Y.Q. Jia, et al., <i>Spin-Value Effects in Nickel/Silicon/Nickel Junctions</i> , IEEE Transactions of Magnetics, Vol. 32 (5), September 1996, pp. 4707-4709.
		Supriyo Datta et al., <i>Electronic analog of the electro-optic modulator</i> , Appl. Phys. Lett. Vol. 56(7), 12 February 1990, pp. 665-667.
		K.P. Kämper, et al., <i>CrO₂ - A New Half Metallic Ferromagnet?</i> , Physical Review Letters, Vol. 59(24), 14 December 1987, pp. 2788-2791.
		Manish Sharma et al., <i>Spin-dependent tunneling junctions with AlN and AlON barriers</i> , Appl. Phys. Lett. 77(14), 2 October 2000, pp. 2219-2221.
		S.J. Pearton et al., <i>Advances in wide bandgap materials for semiconductor spintronics</i> , Materials Science and Engineering R 40(2003) 137-168.
		International Search Report dated December 13, 2004.

Examiner	Date Considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.